



034942-258  
(formerly 111022NLF.US)

#3

APPLICANT: Booth et al.  
SERIAL NO.: 10/037,870  
FILING DATE: October 22, 2001  
TITLE: REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN  
COMMUNICATIONS SIGNALS  
EXAMINER: [not yet assigned]  
ART UNIT: 2681

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COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**DECLARATION AND CONSENT OF ASSIGNEE**

I hereby declare that:

I am authorized to act on behalf of the Assignee, Tropicana, Inc.

The entire title to the patent application identified above is vested in the Assignee as evidenced by the attached Assignment, which was recorded at Reel 012441, Frame 0358.

I hereby revoke any Powers of Attorney previously given in this matter and appoint the following attorneys to prosecute the above-identified patent application and to transact all business in the Patent and Trademark Office connected therewith:

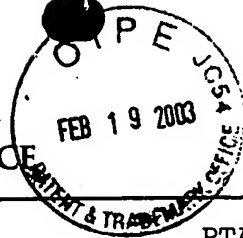
Robert E. Krebs, Registration No. 25,885; David B. Ritchie, Registration No. 31,562; Marc S. Hanish, Registration No. 42,626; John P. Schaub, Registration No. 42,125; Adrienne Yeung, Registration No. 44,000; Steven J. Robbins, Registration No. 40,299; Thierry K. Lo, Registration No. 49,097; William Samuel Niece, Registration No. 47,824; J. Davis Gilmer, Registration No. 44,711; William E. Winters, Registration No. 42,232, Masako Ando, (37 C.F.R. §10.9 (b)); and John Klaas Uilkema, Registration No. 20,282; Becky L. Troutman, Registration No. 36,703; and Hal J. Bohner, Registration No. 27,856.

Dated: 5 Feb 2003

Name: Earl W. McCune, Jr.  
Title: Chief Technical Officer  
Tropicana, Inc.



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



MARCH 05, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

TROPIAN INC.  
MICHAEL J. URE  
ATTENTION PATENT COUNSEL  
20813 STEVENS CREEK BLVD.  
CUPERTINO, CA 95014



\*101942569A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/22/2001

REEL/FRAME: 012441/0358  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BOOTH, RICHARD W. D.

DOC DATE: 10/22/2001

ASSIGNOR:  
SCHELL, STEPHAN V.

DOC DATE: 10/22/2001

ASSIGNOR:  
BIEDKA, THOMAS E.

DOC DATE: 10/22/2001

ASSIGNOR:  
LIANG, PAUL CHENG-PO

DOC DATE: 10/22/2001

ASSIGNEE:  
TROPIAN INC.  
20813 STEVENS CREEK BLVD.  
ATTENTION PATENT COUNSEL  
CUPERTINO, CALIFORNIA 95014

SERIAL NUMBER: 10037870  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

012441/0358 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

**ASSIGNMENT**

(JOINT)

THIS ASSIGNMENT, by Richard W. D. BOOTH  
 residing at 237 San Mateo Avenue, Los Gatos, CA 95030  
 (and) Stephan V. SCHELL  
 residing at 410 Lake Street #6, San Francisco, CA 94118  
 (and) Thomas E. BIEDKA  
 residing at 95 W. Rincon Ave., Campbell, CA 95008  
 (and) Paul Cheng-Po LIANG  
 residing at 765 Calla Dr. #1, Sunnyvale, CA 94086  
 (and) \_\_\_\_\_  
 residing at \_\_\_\_\_  
 (and) \_\_\_\_\_  
 residing at \_\_\_\_\_  
 (and) \_\_\_\_\_  
 residing at \_\_\_\_\_  
 and \_\_\_\_\_  
 residing at \_\_\_\_\_  
 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in  
Reduction of average-to-minimum power ratio in communications signals  
 set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application  
       (a) ☐ to be filed herewith; or  
       (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ which is a non-provisional application  
       (a) ☒ having an oath or declaration executed on even date herewith prior to  
             filing of application;  
       (b) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_; or  
       (c) ☐ to be filed; and

WHEREAS, TROPIAN, INC., a corporation duly organized under and pursuant to the laws of THE STATE OF CALIFORNIA and having its principal place of business at 20813 STEVENS CREEK BOULEVARD, SUITE 150, CUPERTINO, CALIFORNIA 95014 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the

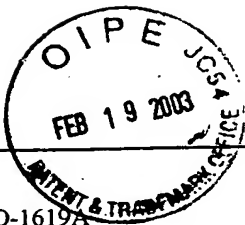
term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

|      |          |                       |                           |
|------|----------|-----------------------|---------------------------|
| Date | 10/22/01 | Signature of Assignor | <u>Richard W.D. Booth</u> |
| Date | 10/22/01 | Signature of Assignor | <u>Mr. V. Hull</u>        |
| Date | 10/22/01 | Signature of Assignor | <u>Thur E. Bi</u>         |
| Date | 10/22/01 | Signature of Assignor | <u>Cheng-Po Liang</u>     |
| Date |          | Signature of Assignor | <u></u>                   |
| Date |          | Signature of Assignor | <u></u>                   |
| Date |          | Signature of Assignor | <u></u>                   |
| Date |          | Signature of Assignor | <u></u>                   |



FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

01-14-2002



101942569

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

11017 U.S. PTO  
10/037870



10/22/01

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## Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached
- Name (line 1)  Richard W. D. BOOTH
- Name (line 2)
- Execution Date  
Month Day Year  
 10/22/01

## Second Party

- Name (line 1)  Stephan V. SCHELL
- Name (line 2)
- Execution Date  
Month Day Year  
 10/22/01

## Receiving Party

- ☐ Mark if additional names of receiving parties attached
- Name (line 1)  TROPIAN INC.
- Name (line 2)
- Address (line 1)  ATTENTION PATENT COUNSEL
- Address (line 2)  20813 Stevens Creek Blvd.
- Address (line 3)  Cupertino  CA  95014
- City State/Country Zip Code
- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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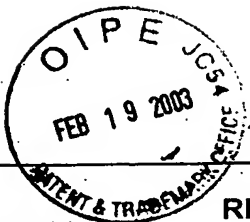
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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

10/17 U.S. PTO  
10/03/870

10/22/01

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Thomas E. BIEDKA

Execution Date  
Month Day Year  
10/22/01

Name (line 2)

Name (line 1) Paul Cheng-Po LIANG

Execution Date  
Month Day Year  
10/22/01

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

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☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

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Patent Application Number(s)

Patent Number(s)

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**Correspondent Name and Address**

Area Code and Telephone Number (408) 865-1300

Name TROPIAN INC.

Address (line 1) ATTENTION PATENT COUNSEL

Address (line 2) 20813 Stevens Creek Blvd., Cupertino, CA 95014 U.S.

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**Pages**

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
10/22/01

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**Number of Properties**

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# 1

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